



FIG. 1

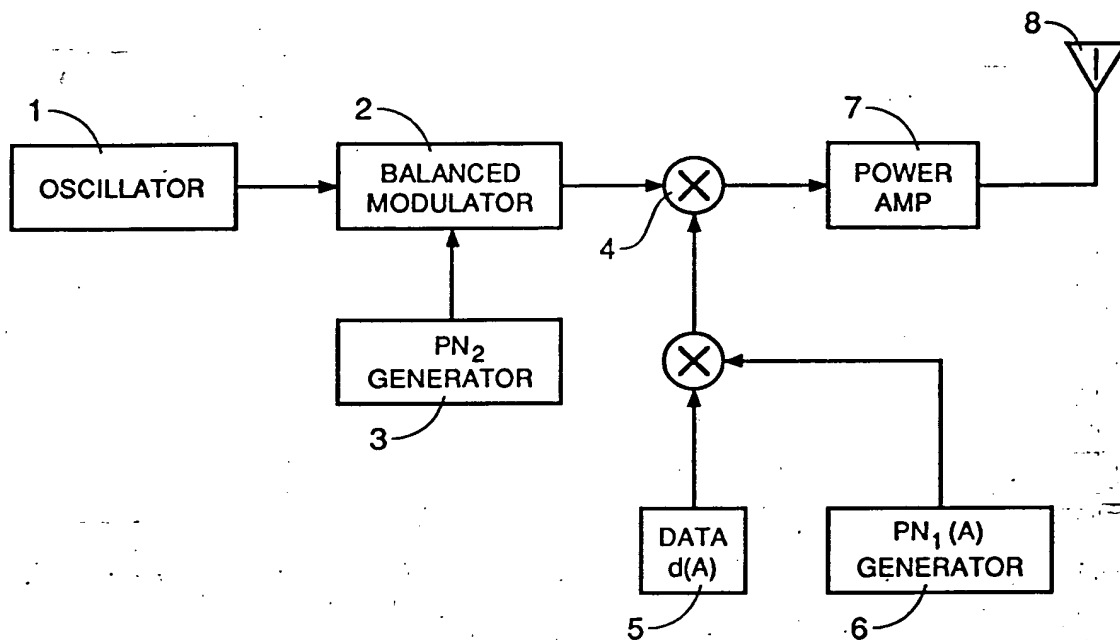


FIG. 2

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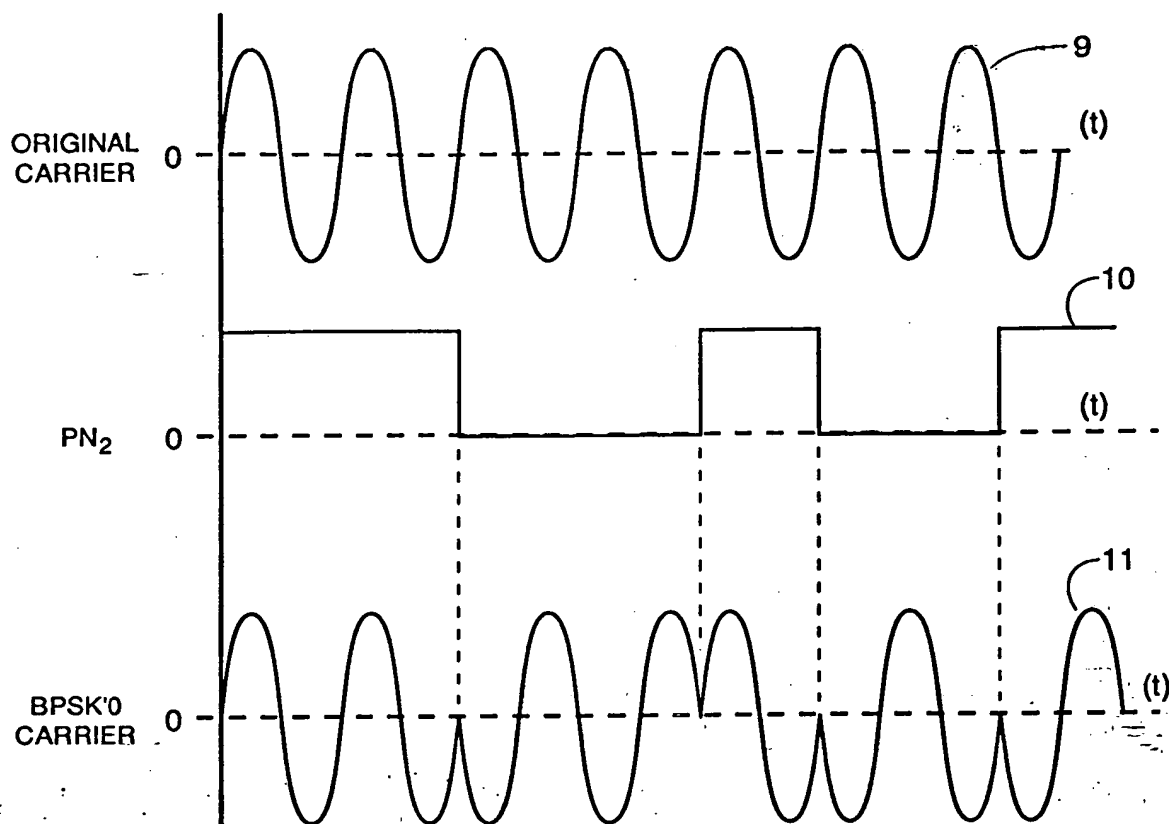


FIG. 3

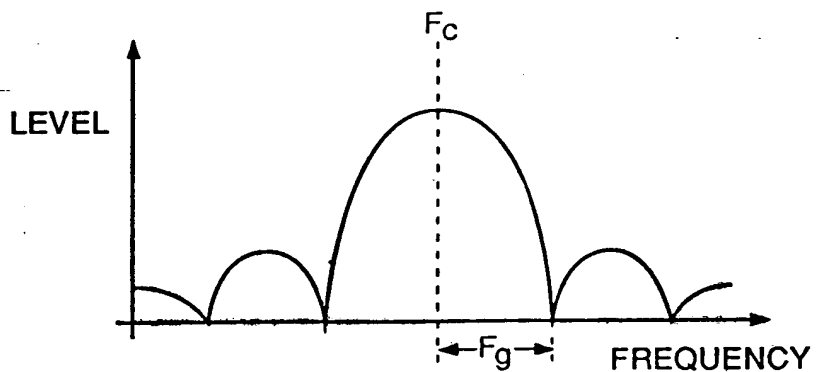
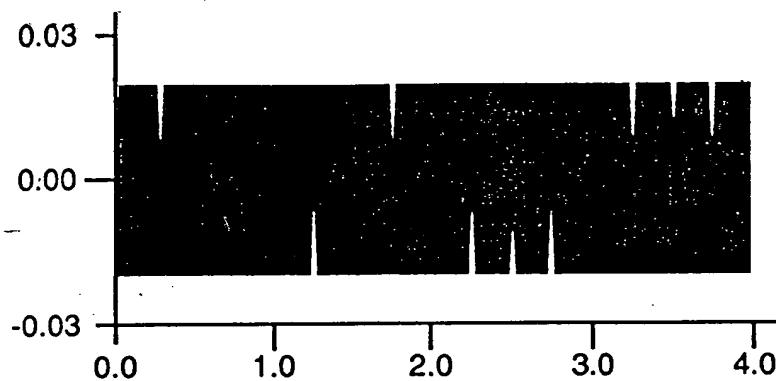


FIG. 4

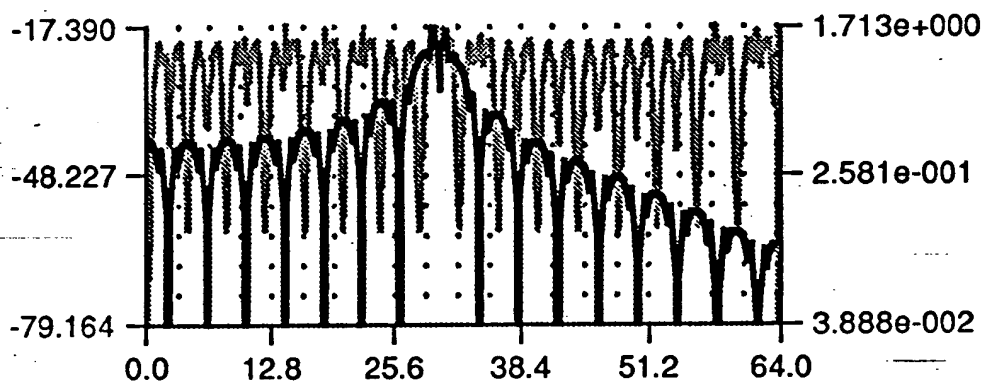
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BIPHASE CARRIER MODULATION

$$\cos[\omega_0 t + \pi/2 PN_2(t)]$$

FIG. 5A



BIPHASE CARRIER MODULATION SPECTRUM

FIG. 5B

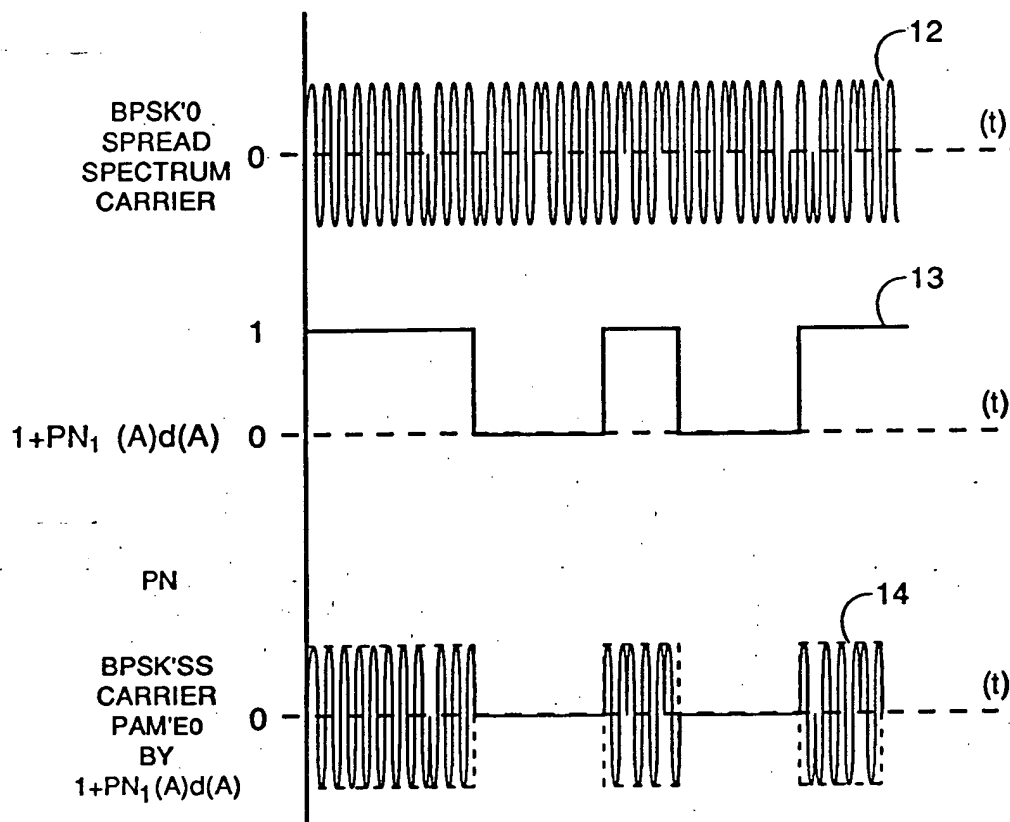
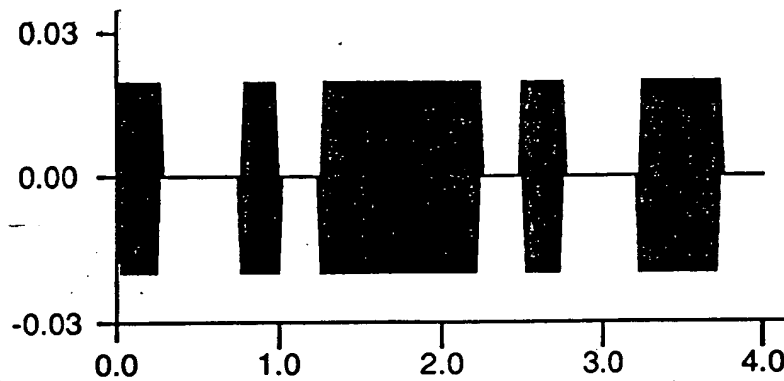


FIG. 6

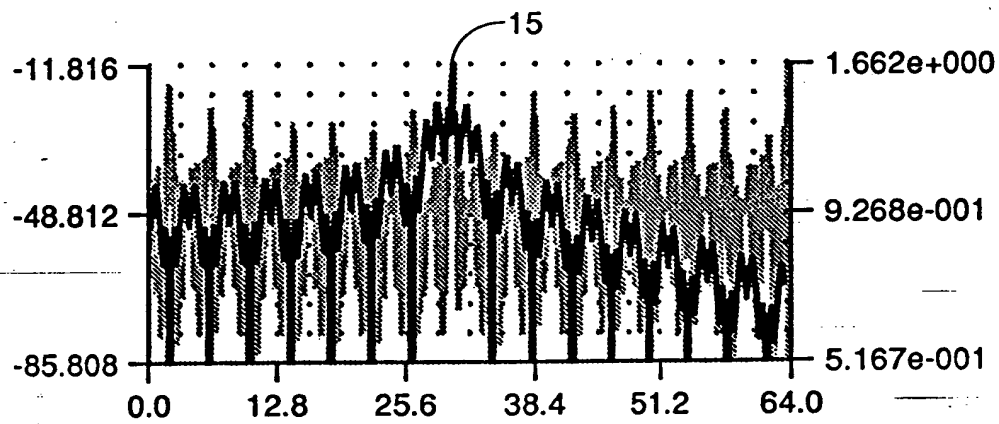
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AMPLITUDE ON-OFF CARRIER MODULATION

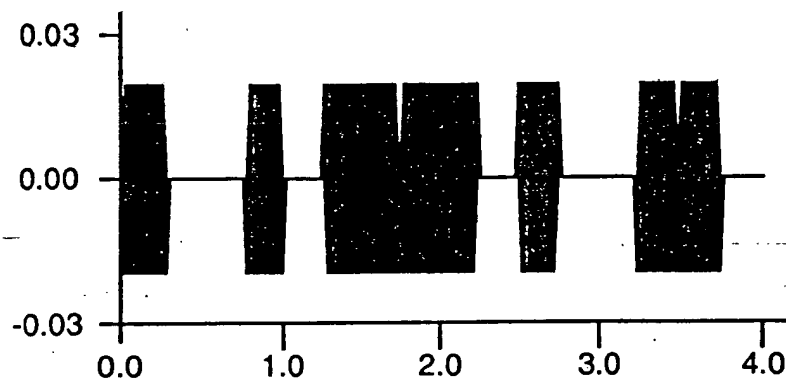
$$[1 + PN_1(t)] \cos[\omega_0 t]$$

FIG. 7A



AMPLITUDE ON-OFF CARRIER MODULATION SPECTRUM

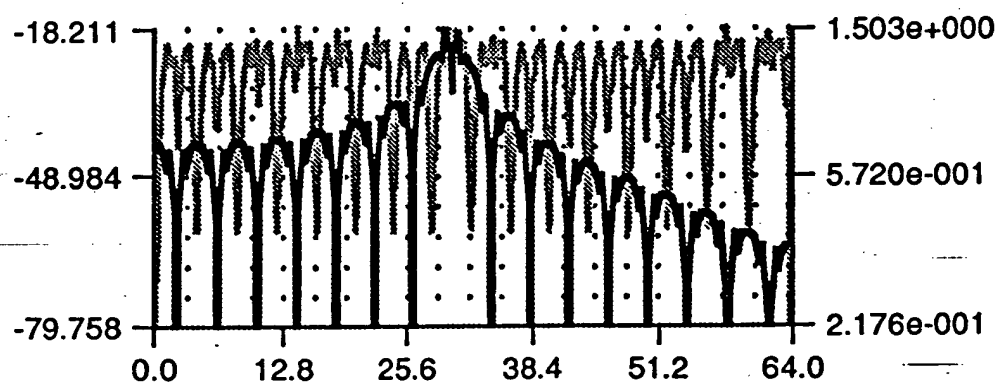
FIG. 7B



AMPLITUDE ON-OFF PLUS  
BIPHASE CARRIER MODULATION

$$[1 + PN_1(t)] \cos[\omega_0 t + \pi/2 PN_2(t)]$$

FIG. 8A



AMPLITUDE ON-OFF PLUS BIPHASE  
CARRIER MODULATION SPECTRUM

FIG. 8B

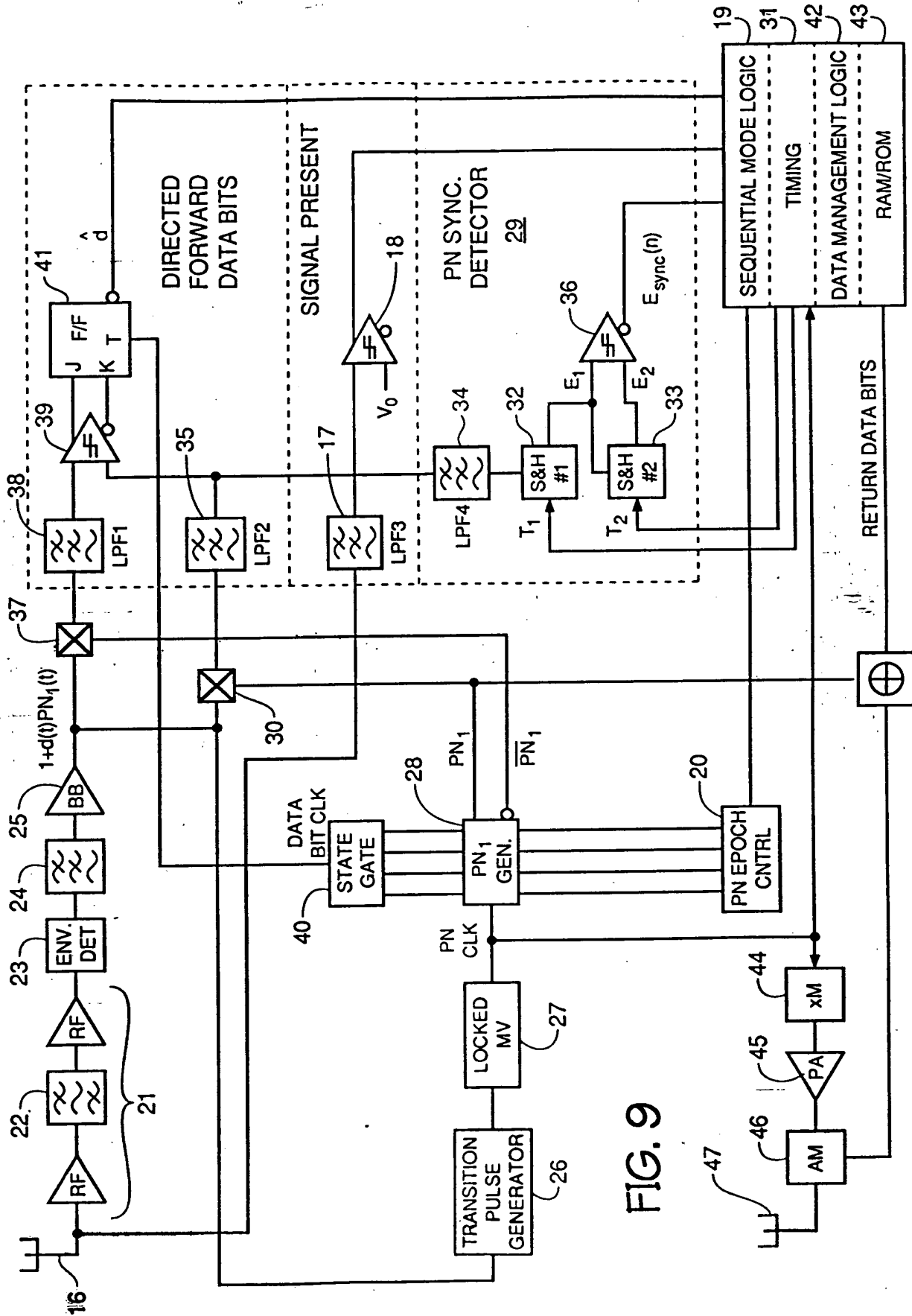


FIG. 9



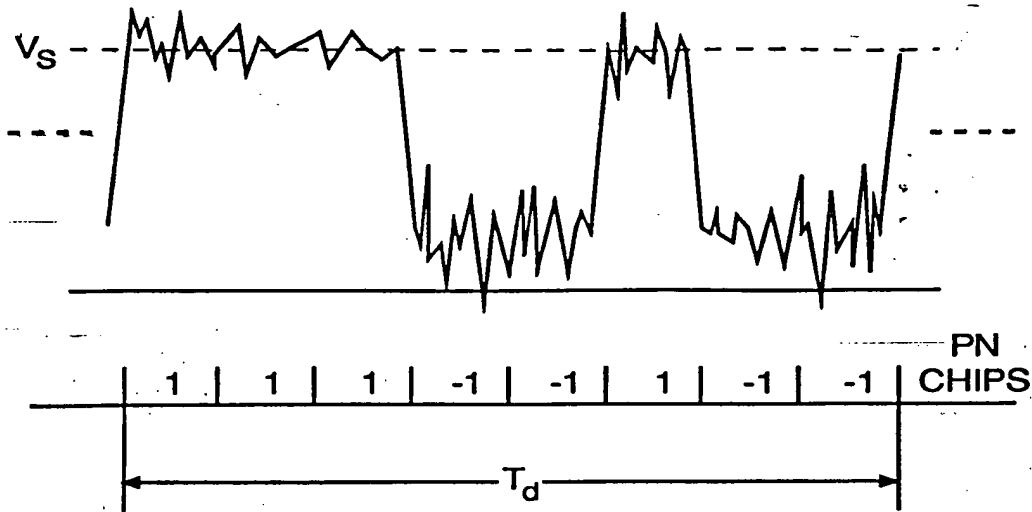


FIG. 10

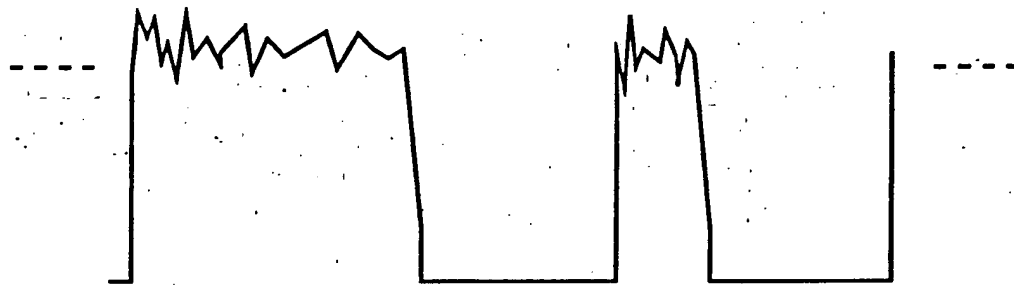


FIG. 11



FIG. 12

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